

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061719\
 Data File : VU032789.D
 Acq On : 17 Jun 2019 17:50
 Operator : JC/SP
 Sample : K3324-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JT2

Quant Time: Jun 18 04:23:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 18 02:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	229799	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	223493	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	110561	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	63324	40.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.64%
7) Chloroethane-d5	1.67	69	54935	43.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.72%
11) 1,1-Dichloroethene-d2	2.26	63	98939	31.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.54%
21) 2-Butanone-d5	4.16	46	155709	119.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.12%
24) Chloroform-d	4.64	84	135012	44.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.44%
26) 1,2-Dichloroethane-d4	5.30	65	94219	46.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.66%
32) Benzene-d6	5.33	84	260582	44.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.46%
36) 1,2-Dichloropropane-d6	6.32	67	86886	46.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.64%
41) Toluene-d8	7.56	98	239714	43.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.88%
43) trans-1,3-Dichloropropene-	7.84	79	41814	43.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.62%
47) 2-Hexanone-d5	8.30	63	109896	126.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	126.81%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	134823	46.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.98%
64) 1,2-Dichlorobenzene-d4	11.85	152	103107	48.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.38%

Target Compounds

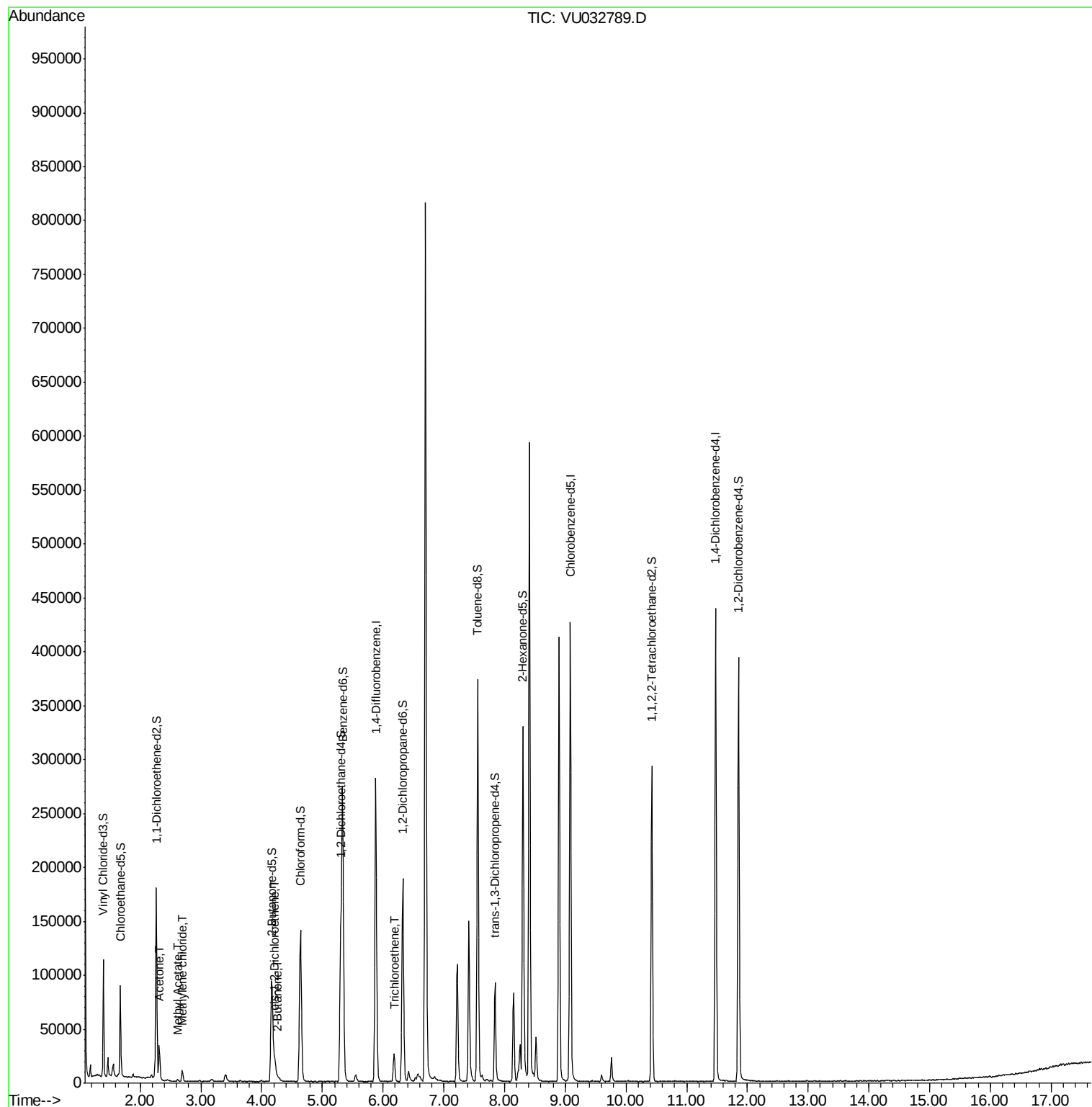
					Ovalue
13) Acetone	2.32	43	31695	17.555 ug/L	99
15) Methyl Acetate	2.61	43	2379	1.162 ug/L #	89
16) Methylene chloride	2.69	84	4160	2.450 ug/L	97
20) cis-1,2-Dichloroethene	4.22	96	7131	4.171 ug/L	93
22) 2-Butanone	4.27	43	6409	3.425 ug/L	95
34) Trichloroethene	6.18	95	9016	5.241 ug/L	92

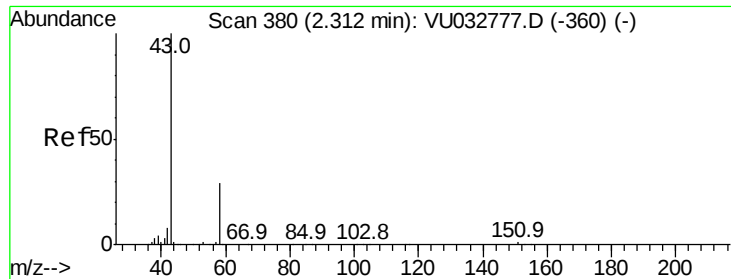
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 18 02:39:23 2019
Response via : Initial Calibration





#13

Acetone

Concen: 17.555 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VU032789.D

Acq: 17 Jun 2019 17:50

Instrument :

MSVOA_U

ClientSampleId :

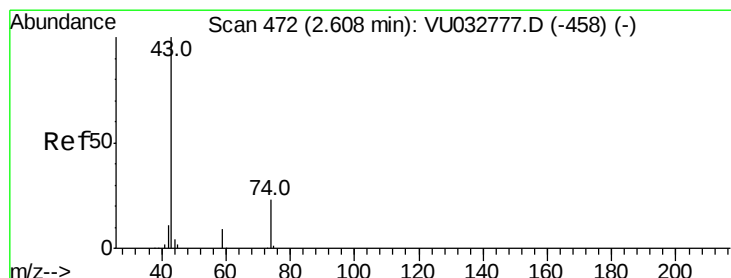
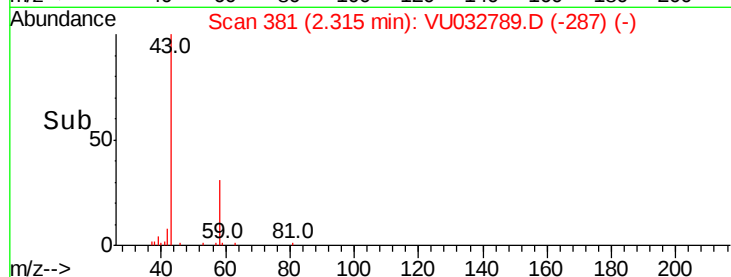
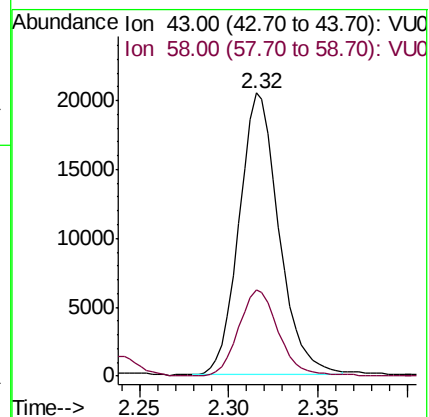
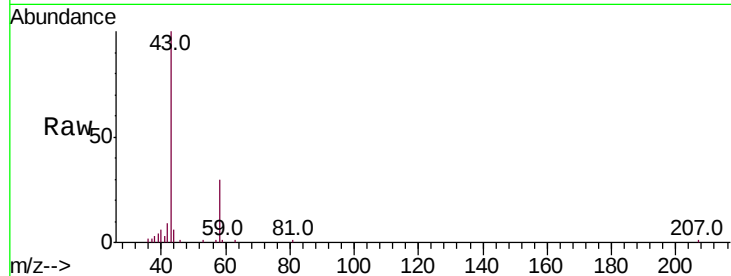
C0JT2

Tot Ion: 43 Resp: 31695

Ion Ratio Lower Upper

43 100

58 30.9 0.0 60.6



#15

Methyl Acetate

Concen: 1.162 ug/L

RT: 2.61 min Scan# 474

Delta R.T. 0.01 min

Lab File: VU032789.D

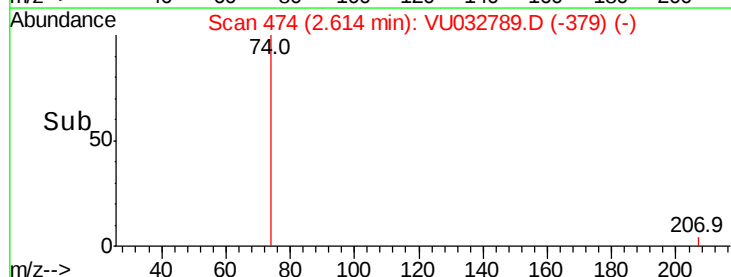
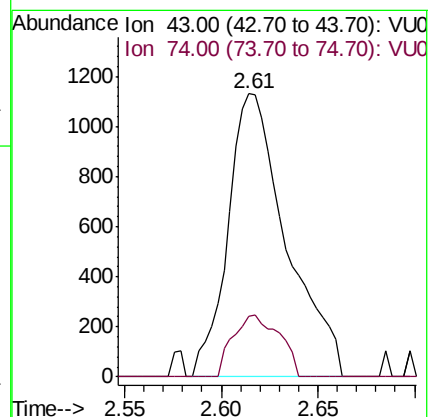
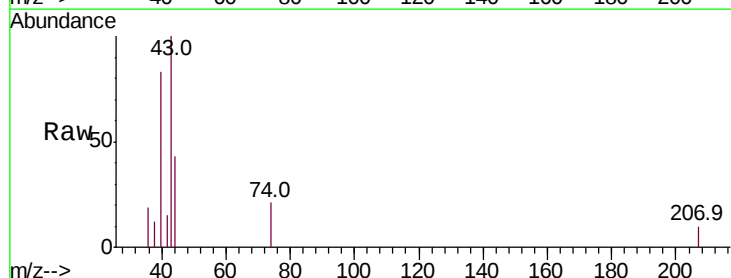
Acq: 17 Jun 2019 17:50

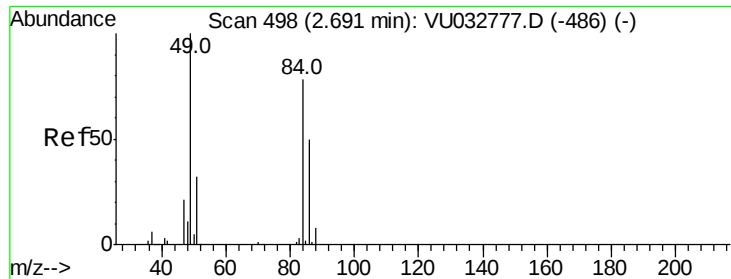
Tgt Ion: 43 Resp: 2379

Ion Ratio Lower Upper

43 100

74 17.3 18.1 27.1#

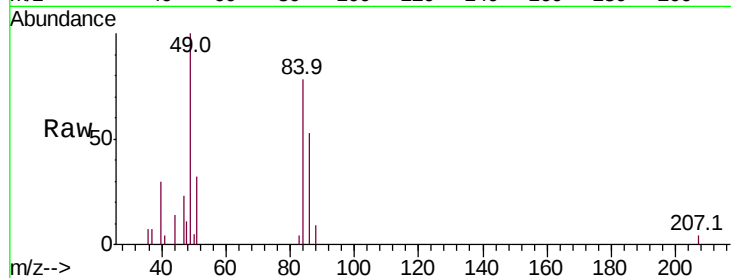




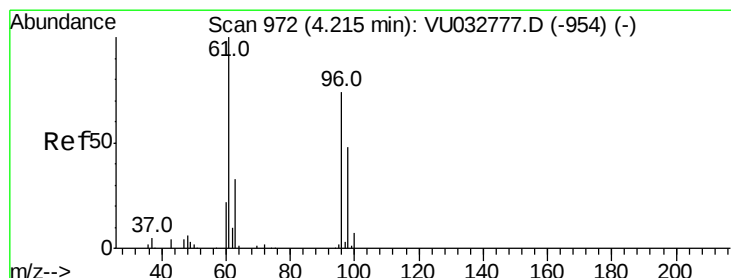
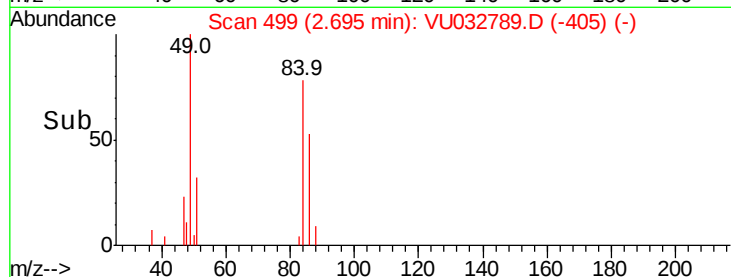
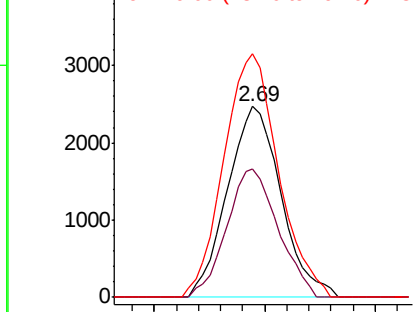
#16
Methylene chloride
Concen: 2.450 ug/L
RT: 2.69 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU032789.D
Acq: 17 Jun 2019 17:50

Instrument :
MSVOA_U
ClientSampleId :
C0JT2

Tot Ion: 84 Resp: 4160
Ion Ratio Lower Upper
84 100
86 67.3 45.5 84.5
49 127.6 92.1 171.1

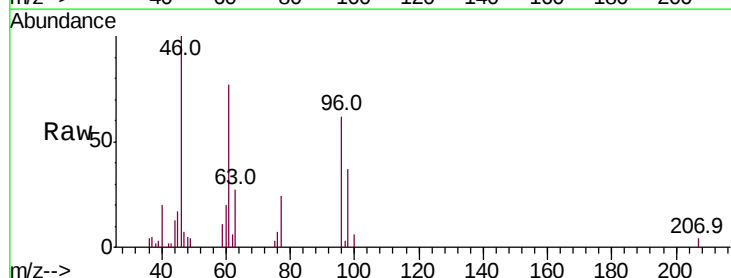


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.00 (48.70 to 49.70): VU0

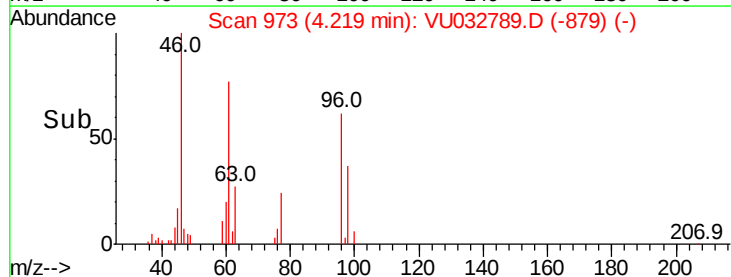
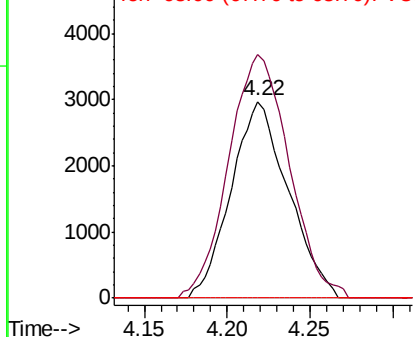


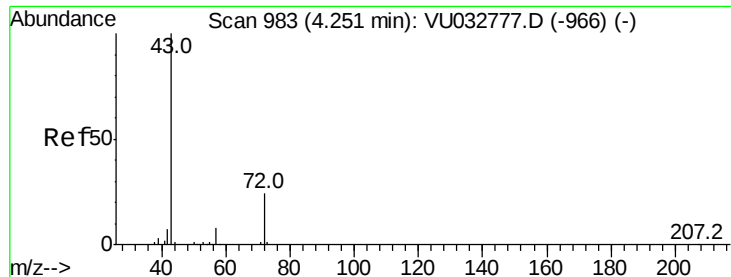
#20
cis-1,2-Dichloroethene
Concen: 4.171 ug/L
RT: 4.22 min Scan# 973
Delta R.T. 0.00 min
Lab File: VU032789.D
Acq: 17 Jun 2019 17:50

Tgt Ion: 96 Resp: 7131
Ion Ratio Lower Upper
96 100
61 123.7 92.4 171.6
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 68.00 (67.70 to 68.70): VU0





#22

2-Butanone

Concen: 3.425 ug/L

RT: 4.27 min Scan# 989

Delta R.T. 0.02 min

Lab File: VU032789.D

Acq: 17 Jun 2019 17:50

Instrument :

MSVOA_U

ClientSampleId :

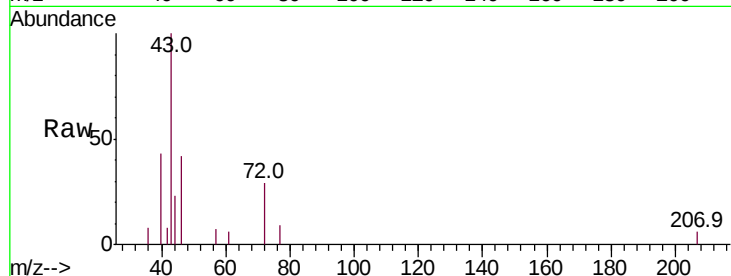
C0JT2

Tot Ion: 43 Resp: 6409

Ion Ratio Lower Upper

43 100

72 23.3 12.9 38.6



Abundance Ion 43.00 (42.70 to 43.70): VU032777.D (-966) (-)

Ion 72.00 (71.70 to 72.70): VU032777.D (-966) (-)

4.27

2500

2000

1500

1000

500

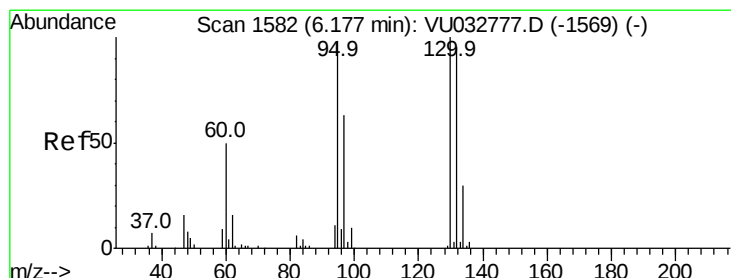
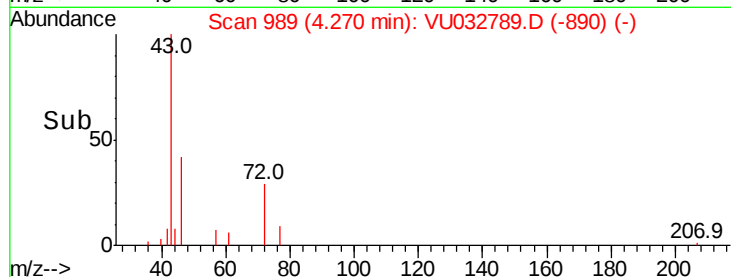
0

Time-->

4.20

4.30

4.40



#34

Trichloroethene

Concen: 5.241 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.01 min

Lab File: VU032789.D

Acq: 17 Jun 2019 17:50

Tgt Ion: 95 Resp: 9016

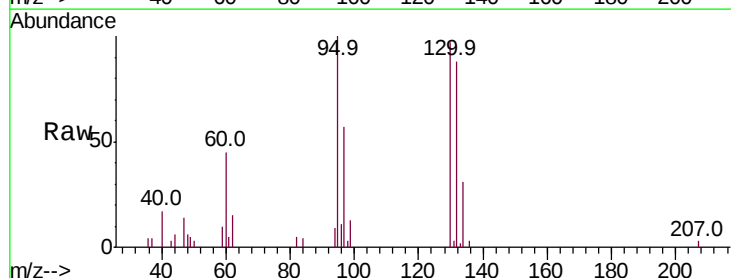
Ion Ratio Lower Upper

95 100

97 56.5 45.9 85.3

132 88.1 68.5 127.3

130 96.7 70.8 131.4



Abundance Ion 95.00 (94.70 to 95.70): VU032777.D (-1569) (-)

Ion 97.00 (96.70 to 97.70): VU032777.D (-1569) (-)

Ion 132.00 (131.70 to 132.70): VU032777.D (-1569) (-)

Ion 130.00 (129.70 to 130.70): VU032777.D (-1569) (-)

6000

4000

2000

0

Time-->

6.10

6.15

6.20

6.25

